

WA/Hmm/cm/8al/21/359

'Phone : Gerrard 1824.

Sale No. 13,345

Sale to commence at **12.30** o'clock.

FRIDAY, JANUARY 13th, 1922.

A CATALOGUE OF

Photographic Cameras, Lenses and Apparatus, Scientific Apparatus

INCLUDING

Microscopes by Smith & Beck, Watson, Jones, etc.;
Objectives, Telescopes, Prismatic Binoculars, Cinema
Projectors, Lanterns, Slides, Films, Transit Instrument,
etc.

Electrical Apparatus,

Typewriters, Gate-leg Tables, Oak Roll-top Desk, Clocks,
Kit Bags, Books, Postage Stamps, Pictures, Musical
Instruments, Wearing Apparel, Model Engines and
Miscellaneous Property.

WHICH WILL BE SOLD BY AUCTION, BY

MR. J. C. STEVENS
(STEVENS'S AUCTION ROOMS LTD.)

*At their Great Rooms,
38 King Street, Covent Garden, and 15/16 Floral Street,
London, W.C. 2,*

On FRIDAY, JANUARY 13th, 1922,

*At **12.30** o'clock.*

On View the day prior, from 12.30 till 5.30 o'clock, and Morning of Sale
from 9.30 till 12, and Catalogues had at the Rooms, 38 King Street, Covent
Garden, W.C. 2.

Telegraphic Address: **AUKS, RAND, LONDON.**

Established 1760.

RIDDLE, SMITH & DUFFUS, Printers, Windsor House, Kingsway, W.C. 2; and Forest Hill, S.E. 23.

- 254 The Argosy 6, Goldsmith's Animated Nature 6, and 3 others
- 255 Cheveley Novels 3, Key to N. American Birds, Sphæriacei Britannici 2, and 6 others
- 256 Bryant's Mythology 3, The Bosphorus 1, Living London 2, and 5 others
- 257 Fifty-three vols. of books, various
- 258 History of the Bible 2, Chronological Tables 2, Peruvian Antiquities, and various—a large parcel
- 259 Vanity Fair Cartoons, etchings by Geo. Cruikshank, miniatures from Mesopotamia, and a large number of maps
- 260 Two blotters, a reading stand, and 12 masks
- 261 Two china plaques, in red plush frames
- 262 A carved meerschaum 10-in. pipe, in case
- 263 A spear and 2 pairs snow shoes

SCIENTIFIC APPARATUS, &c.

- 264 ^{From} Watson frame microscope, coarse rack and micro. fine adjustment, substage fitting with iris diaphragm, double nosepiece, 1 ocular, $\frac{1}{4}$ -in. Beck and $\frac{1}{8}$ -in. Swift objectives
- 265 Fine monocular microscope, by Jones, with coarse rack and micro fine adjustment, mechanical stage rack focusing and centering substage, double nosepiece, very large double mirror in mahogany case with drawer containing 3 oculars, $\frac{1}{4}$ -in. and 1-in. objects, substage condenser, paraboloid polariser and analyser, large reflecting prism, 2 selenite plates, zoophyte trough, two glass stage plates, bull's-eye condenser, frog plate, 2 live boxes, stage forceps, silverside reflector, etc.
- 266 Swift $\frac{3}{8}$ -in. micro. objective
- 267 Swift $\frac{1}{8}$ -in. ditto
- 268 Four telescopes
- 269 Ditto
- 270 A binocular microscope by Smith & Beck, 3 pairs of eyepieces, $1\frac{1}{2}$ -in., $\frac{3}{4}$ -in. $\frac{1}{10}$ -in. and $\frac{1}{2}$ -in. objectives, coarse and fine adjustments, mechanical stage, analyser and polarizing eyepieces, polarizer, parabolic condenser, 2 lieberkuhns,

- set of dark wells, double nosepiece, camera lucida, live box and trough, stage forceps, stand condenser and extra monocular tube, in mahogany case, with key
- 271 A pocket sextant in leather case (new)
- 272 A pair of Goerz prism binoculars
- 273A A $\frac{1}{2}$ -plate enlarging lantern with condenser and electric lighting, complete for attaching to own camera
- 274A Adjustable stand for studio camera
- 275A Goerz Tenax camera with film-pack, less lens and shutter
- 276A Kodak camera less lens and shutter
- 277A Quantity photo and other sundries
- 274 *Binocular microscope by Smith & Beck*, coarse and fine adjustment, stage with mechanical adjustments, $\frac{1}{8}$, $\frac{1}{10}$, $\frac{2}{3}$, $1\frac{1}{2}$ and 3-in. objectives, 3 pairs of eyepieces, polariscope, analyser, camera lucida, lieberkuhns, silverside reflector, Maltwood's finder, stand and stage condensers, parabolic cells, etc., in mahogany case
- 275 Zeiss 6x prismatic binoculars
- 276 Pair 6x prism binoculars, central focusing, and light-weight model, in case
- 277 Prismatic binoculars, 8 magnifications, in case
- 278 Bausch & Lomb 6 by 30 stereo prism binoculars, and case
- 279 A pair of good quality prism glasses
- 280 Trench periscope, and an Ensign dry mounting outfit
- 281 Five printer's type cases with type, oxygen retort, ether saturater, brass oddments, tubing, etc., lamp, arc lamp, part enlarging lantern, etc.
- 282 Microscope with 2 objectives, 2 eyepieces, iris diaphragm, rack focusing, compound substage, with condenser, rack adjustment, polariscope, analyser, iris diaphragm, etc., and accessories (A.F.)
- 283 Optical lantern with lens and condenser, 4 sets of slides, etc., in case
- 284 Pathé cinematograph with Edison movement
- 285 A large quantity of mahogany framed and other lantern slides, and a number of small plaster figures

- 286 Graphoscope projector with motor, arc lamps, mechanism, spool box and stand, D.P. switch
- 287 Three spectacle cases
- 288 Oil stone, mallet, square, tenon saw, keyhole ditto, brass-back ditto, and eyeletting punch
- 289 Harmonograph by Verley, with clockwork motion to table, complete with pins and weights, in portable box
- 290 Force pump by Evans, $1\frac{1}{4}$ -in. diameter plunger, stroke for power; just overhauled, in perfect working order
- 291 Two Journal ball-bearings by Hoffman, $1\frac{3}{8}$ -in. hole, and a combined journal and thrust-bearing by Hoffmann, $1\frac{3}{8}$ -in. hole
- 292 Looking-glass in mahogany framing
- 293 Two tyre pumps
- 294 Transit instrument by Adams, 14-in. circles divided on silver, complete with levels and micrometer eye-pieces, in mahogany case
- 295 Five bags of boxwood
- 296 Gas pressure regulator by Keith Blackman (new)

ELECTRICAL APPARATUS, &c.

- 297 Ammeter 5-dial, 0-10 amp. dial, dirty, but instrument in working order, and a voltmeter, 5-in. dial, 0-250 volts
- 298 Force pump for hand in gunmetal, in thorough working order, by Noakes
- 299 Magnetic clock and glass shade for same
- 300 Fine clock movement, chronometer escapement on iron bracket, ready for mounting, in case
- 301 Large resistance in iron frame with regulating handle, 24 contacts
- 302 Ditto, 14 contacts
- 303 Two thermometers, one 200° - 800° F.; one 20° - 620° F.
- 304 Two dozen new Departure cycle bells
- 305 Two gross 9-in. hacksaws
- 306 Two gross ditto
- 307 A dozen pairs pliers
- 315 A 14-volt Lucas set of accumulators, in wood carrying cases (new)
- 316 Ditto
- 317 Ditto

- 318 A microfarad oil immersed condenser in iron box, for high voltages, guaranteed perfect
 - 319 100 feet 19/33 tipped copper rubber-covered wire
 - 320 Four " Welco " electric cookers, 200-230 volts
 - 321 High-frequency Helix (3ft. high)
 - 322 A 12-in. spark induction coil, for A.C. mains
 - 323 Quantity of chemicals and drugs, including platinic chloride and various gums; a 2lb. bottle of potassium iodide, and bottles of quinine bisulph, sodium iodide, lithium, etc., for ionisation
 - 324 Two dozen clinical thermometers
 - 325 Two dozen ditto
 - 326 Aeroplane range-finder by Weymouth Cook
 - 327 Barograph, by Negretti & Zambra (new)
 - 328 Two ships' compasses
 - 329 A 12-line switchboard, buzzer type
 - 330 Portable telephone
 - 331 Two Taut meters
 - 332 Three buzzers or tappers
 - 333 Three ditto
 - 334 Two 12-line switchboards
 - 335 Two ditto
 - 336 Two ditto
 - 337 Two voltmeters
 - 338 Large limelight flash lamp, new in case, with tripod
 - 339 Ditto, ditto
-
- 340 Four volt and amp. meters, an amp. meter, and a voltmeter
 - 342 Six electric coils
 - 343 A juvenile cinematograph
 - 344 A horizontal and a vertical engine, both with slide valve cylinder
 - 345 A large horizontal steam engine (parts take to pieces), with glass water gauge, reversing action, slide valve cylinder
 - 346 Four magic lanterns and 2 electric coils
 - 347 Three dynamos and 3 motors
 - 348 Six electric coils
 - 349 A horizontal and a vertical engine, all parts take to pieces

STEVEN'S AUCTION ROOMS LTD.

ESTABLISHED 1760.

Important to Trustees, Executors and others.

Sales regularly held at these Rooms:

SCIENTIFIC, ELECTRICAL AND
PHOTOGRAPHIC APPARATUS
AND MISCELLANIES.

EVERY FRIDAY a Sale is held which includes Microscopes, Telescopes, Cameras, Lenses, Lanterns, Cinematographs, Theodolites and Levels, and every class of Scientific Instrument; Lathes and Tools, Furniture, Silver Plate, Jewellery, Fishing Tackle, and Sporting Requisites.

CURIOS, CHINA, BRONZES,
ARMS AND ARMOUR, IVORIES,
ETHNOGRAPHICAL SPECIMENS, etc.

A Sale is held on TUESDAYS, twice in every month.

NATURAL HISTORY SPECIMENS.

MONTHLY Sales of Collections relating to Entomology, Ornithology, Conchology, Minerals, Heads and Horns, Cabinets, etc.

BOOKS.

Frequent Sales of Libraries relating to Natural History and kindred subjects.

Sales undertaken in Town and Country.
Valuations for Probate and other purposes.
Collections catalogued and arranged for sale.

Auction Rooms and Offices:

38 King Street, Covent Garden, & 15/16 Floral Street,

Telegrams:—"Auks, Rand, London." London, W.C. 2.

Telephone:—
Gerrard 1824.

'Phone : Gerrard 1824.

Sale No. 13,347

*Sale to commence at **12.30** o'clock.*

FRIDAY, JANUARY 20th, 1922.

A CATALOGUE OF

Miscellaneous Property

Photographic Cameras, Lenses and Apparatus;

Microscopes by Beck, Collins and Crouch ; Objectives and Apparatus ; Astronomical and other Telescopes ; Artificial Horizons ; Sextants ; Optician's Trial Sets ; Prismatic Binoculars and other Scientific Apparatus ;

Lathes and Chucks ; Slide Rest ; Cinema Projectors ; 6-inch Induction Coil ; Lantern Slides, etc. ;

Pianoforte, 5-ft. Mahogany Sideboard,
Oak Roll-top Desk, Drawing Room Suite, etc. ;

Wearing Apparel ; Typewriters ; Violins ; Gramophone Records ; Jewellery ; Postage Stamps, etc.

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CONDITIONS OF SALE.

FIRST.—The highest bidder to be the buyer, and if any dispute arise between two or more bidders the lot so disputed shall be immediately put up again and re-sold. The auctioneer reserves to himself the right to refuse any bid, also to make any alteration in the catalogue.

SECOND.—No person to advance less than one shilling; above £2 two shillings and sixpence, and so on in proportion.

THIRD.—The purchasers are to give in their names and places of abode, and, if required, to pay down a deposit of five shillings in the pound in part payment of the purchase-money, in default of which the lot or lots so purchased to be put up again and re-sold at any convenient opportunity during the sale or otherwise.

FOURTH.—The lots are to be taken away and paid for, with all faults and errors of description, at the buyer's expense and risk, on the day immediately following sale. The auctioneer not being responsible for the correct description, genuineness or authenticity of, or any fault or defect in any lot, and making no warranty whatever.

Lastly.—Upon failure of complying with the above conditions, the money deposited in part payment shall be forfeited to the vendors, the lots remaining uncleared shall be re-sold by public or private sale, and the deficiency (if any) attending such re-sale, together with all incidental expenses and charges, shall be made good by the defaulters at this sale.

** * * Pictures offered for sale are attributed to the artists named, but no guarantee as to their genuineness is given or implied.*

NO LOTS WILL BE TRANSFERRED.

The Clerk of the Sale has authority to refuse Cheques.

A CHARGE FOR WAREHOUSING WILL BE MADE ON LOTS NOT CLEARED PROMPTLY.

Telephone :—
GERRARD, 1824.

Telegrams :—
AUKS, RAND.

A CATALOGUE

Friday, January 20th, 1922.

AT 12.30 O'CLOCK.

ON VIEW:

• Thursday, 12.30 to 5.30 p.m.

Friday, 9.30 a.m. to 12 noon.

WEARING APPAREL, &c.

LOT

- 1 A gentleman's winter overcoat, in good condition and another overcoat
- 2 Gentleman's tweed suit, as new
- 3 Lady's serge coat, ditto jumper, and 2 sports coats
- 4 Velour and tagel hats, 2 Viyella blouses (one grey crêpe de chine) and a costume
- 5 Fourteen mink tails, and brown striped coat and skirt
- 6 Two gentlemen's silk umbrellas, and a walking stick
- 7 Grey tweed coat
- 8 Lady's green velvet dress, and a costume
- 9 Sable 2-skin stole and pieces of ditto
- 10 Fox fur muff and stole
- 11 Six dozen pairs of gentlemen's braces, new
- 12 Six dozen pairs ditto, better quality
- 13 Six dozen pairs ditto
- 14 Ten boxes of goloshes
- 15 Ten boxes ditto
- 16 Ten boxes ditto

- 17 Gentleman's raincoat
- 18 Lady's ditto
- 19 Lady's ditto
- 20 Week-end case, brass locks and 2 keys
- 21 Ditto, ditto
- 22 Attaché case, brass locks, and 2 keys
- 23 Ditto, ditto
- 24 A suit, and a pair of trousers
- 25 A green silk dress, and a jumper

MISCELLANIES.

- 26 A lady's gold watch and chain, and a gentleman's watch
- 27 A copper box and cover, a pink and white teapot, cup and saucer, and sundry china
- 28 Chinese paintings, Ku-Chien-Lung (after)—A white-bearded man and a boy; Wu-Hsiao-Hsien—Lohan on a mat burning incense; and a ditto, Weng-Chin-Wung (Chin-Ssu-Wung)—Two Lohans burning incense
- 29 Leng-Mei—The eight immortals in a landscape, ink painting on paper, K'ang-hsi, 7ft. by 3ft. 10in
- 30 I-Yu (Chü-Huang)—Jung Fang So, the peach thief; and Tai-Ting-Mao—The two laughing Hsien; and Chen-Hung-Show—Taoist Priest, and another
- 31 Three lady's silver watches
- 32 Box of Roman and other coins
- 33 Five carved wood circular boxes
- 34 Two hair brushes, 3 combination tools, a combination manicure set, 3 torch cases, and 12 electric flash lamp cases
- 35 Marble bust, and black travelling hamper
- 36 Set of old Roman coin replicas, with catalogue
- 37 A finely embroidered Chinese coat
- 38 Ten pieces of old Chinese embroidery
- 39 Two embroidered Chinese altar cloths
- 40 Pair 7x prism glasses, and case
- 41 Ensign rapid camera ($3\frac{1}{2}$), and case
- 42 Pair brown hide boots, and another pair
- 43 Pair patent shoes and pair boots
- 44 Pair pigskin leggings
- 45 Aluminium kettle and 3 hot-water jugs
- 46 Carved sandalwood box and key

- 47 Spanish guitar, in case
- 48 Silver-plated presentation mug
- 49 Two pairs silver vases (hall marked)
- 50 Ditto
- 51 Statue of Buddha
- 52 Two pieces Chinese gold embroidery
- 53 Two dozen clockwork motors
- 54 Four dozen clockwork lorries
- 55 Ten pairs strong gloves
- 56 Ten pairs ditto
- 57 Ten pairs sheepskin gloves
- 58 Two Salter's spring scales
- 59 Two goloshes, 2 spats, and Sam Browne belt
- 60 Ten pairs horse-hide gloves
- 61 Silver carriage clock
- 62 Twelve useful picture frames, some glazed
- 63 Twelve ditto
- 64 One hundred Indian cigars
- 65 One hundred foreign cigars
- 66 Carved wood bracket, and pair of 3-light brass wall candelabra
- 67 Two old Persian cushion covers, and a red piece
- 68 Twenty-seven large armorial buttons, 19 of another set, enamel pendant, and other military buttons
- 69 Two engravings printed in colour, and 2 water-colour drawings (framed)
- 70 Well-made walnut graphoscope
- 71 A 4-tier rosewood whatnot
- 72 A fine china conservatory seat
- 73 A box of old china
- 74 An ormolu centre-piece, and a large glass dish
- 75 Two silver boxes
- 76 A gentleman's new blue Witney overcoat, Swears & Wells
- 77 A gentleman's overcoat
- 78 Optimus 8 by 5 R.R. lens, by Perken, Son and Rayment, covers whole-plate well
- 79 Chain bracelet, ring, and enamel butterfly brooch
- 80 Old Chinese lacquer tea caddy, with pewter lining
- 81 Pair of antique busts—Rousseau and Canrobert
- 82 Collection of over 300 British and foreign postage stamps, some rare, in Lincoln album
- 83 An 18-carat gold diamond and sapphire ring

- 84 Lady's gold bracelet
- 85 Two pairs superior woollen pants
- 86 Visible Barlock typewriter, in working order;
in leather case
- 87 An 8-day English dial, in going order
- 88 Concert zither, in case
- 89 Portable folding Standard typewriter, visible,
2 colours, in attaché case ; nearly new
- 90 French 14-day clock, in going order
- 91 Opera glasses, watches, fountain pens, and
sundries
- 92 One dozen gentlemen's ties, quite new
- 93 Ditto
- 94 Two dozen sample scissors, on cards
- 95 Ditto
- 96 Battles of the World, coloured plates, 7 vols.
- 97 Customs of the World, etc., 8 vols., and box of
books
- 98 Aluminium model of cenotaph on stand, various
metal ornaments, and pair of foot bellows
- 99 Unframed oil painting, and roll of engravings
- 100 Eleven bottles of perfume (assorted)
- 101 Gross bottles of perfume
- 102 Twenty-four pairs of boat rowlocks, various
- 103 A travelling golf club case, with lock and key
- 104 Writing desk with fittings, 5 razors, 2 pairs mid-
wifery forceps, and 2 electric torches
- 105 A model sailing ship, in tortoise-shell
- 106 Sparkling Muscatel, Golden Coronet, a case of
12 bottles
- 107 Ditto
- 108 Sparkling Muscatel, Golden Coronet, a case of
24 half-bottles
- 109 Sparkling Muscatel (ruby), Golden Coronet, a
case of 12 bottles
- 110 Ditto
- 111 Ditto, a case of 24 half-bottles

SCIENTIFIC APPARATUS, &c.

- 112 Astronomical telescope fitted with 3½-in.
aperture object glass, 3 eyepieces, finder, and
mounted on improved equipoise stand, by
Lancaster, Birmingham
- 113 Set of 3 astronomical eyepieces with standard
adapter, by Browning

- 114 A 4-ft. taper telescope, with rackwork focusing and eyepiece, by Dollond
- 115 Binocular microscope by Crouch, 3 eyepieces, 2 objectives, in case
- 116 Twelve microscope slides, grouped and arranged diatoms, by Firth, Cole, etc.
- 117 Focusing microscope objective by Zeiss, 1/14in.
- 118 Six dozen micro. slides in box, mostly botanical
- 119 A 1/12-in. oil immersion objective, by Parkes, Birmingham
- 120 A $\frac{1}{4}$ -in. objective by Powell & Lealand
- 121 A 1/12-in. ditto
- 122 Four oil immersion front lenses for Powell & Lealand objectives
- 123 Officer of the Watch telescope, Indian model, by Broadhurst, Clarkson & Co.
- 124 Lantern microscope by Newton, standard fitting
- 125 125 scientific lantern slides, many by Newton
- 126 Three boxes of drawing instruments
- 127 Captain George's artificial horizon, in leather case, by Cary, London
- 128 Very sensitive mountain aneroid by Reinacher, Zurich
- 129 Box of useful optical sundries
- 130 Two Meta spirit lamps, new
- 131 A monocular microscope by Collins, coarse and fine adjustments, double nosepiece, eyepiece, 1-in. and $\frac{1}{4}$ -in. Collins and $\frac{1}{2}$ -in. and 2-in. objectives, in mahogany case
- 132 About 100 microscope slides in cabinet of 12 trays
- 134 One and a half dozen assorted interesting micro. slides
- 135 A microscope by Beck, with 2 objectives, double nosepiece, 2 eyepieces, spot lens, quantity of microscopic apparatus, and 2 slide cabinets
- 136 Parachromatic condenser with stops and diaphragm by Watson
- 137 Forty-five micro. slides in case, diatoms and various, 29 odd slides
- 138 A $\frac{1}{2}$ -in. micro. objective, and an eyepiece

- 139 One type slide of 133 diatoms, mounted in Styrax, arranged after Van Heurck; the cover glass is undamaged, 100 of the specimens are perfect and in correct position, but 33 are damaged and broken
 - 140 Four dozen miscellaneous and interesting microscopic slides, all different
 - 141 A Zeiss D micro. objective
 - 142 A leather-covered telescope with 2 $\frac{3}{4}$ -in. object glass, a smaller ditto with 2 $\frac{1}{4}$ -in. O.G., and another small telescope, in case
 - 143 A brass astronomical telescope with 3 $\frac{1}{4}$ -in. object glass, star finder, terrestrial tube, eyepieces and suncap, in case
 - 144 Sextant by Dollond, reading to 10-in., with Kew certificate, in first-class condition
 - 145 Artificial horizon, by Troughton & Simms, complete with mercury
 - 146 Pair of prismatic glasses by Blooms, 6x, in leather case
 - 147 Aneroid barometer, recently calibrated by Davies, Derby; graduated for heights and depths
 - 148 LANTERN SLIDES (about 250), *Geological: Stone Age*, Implements, cave illustrations and maps; *Race distribution in Europe and Russia*
 - 149 A sextant in case
 - 150 Solid mahogany optician's sight-testing trial case fitted with 165 unmounted lenses
 - 151 Optician's trial case fitted with 148 mounted lenses, 8 tinted glasses, a trial frame, a retinoscope, no lid
 - 152 Mahogany optician's trial case fitted with 152 mounted lenses, a trial frame, a retinoscope, no handle, no lid
 - 153 Emery wheel dresser
 - 154 Box of midwifery instruments
 - 155 Twelve dozen microscope slides and some other sundries
-
- 156 Fine tone 5-string zither banjo
 - 157 Post-card size Kodak, with anastigmat lens and film-pack
 - 158 Autographic vest pocket Kodak, with F/6 anastigmat lens

- 159 Bijou portable folding typewriter, latest model, every improvement, 2 colours, backspacer, etc., in leather case
- 160 Two motor tyres and inner tubes, 30 by 3½ (suitable for Fords)
- 161 Six new cycle inner tubes and 2 new motor-cycle tubes
- 162 Pair of new adjustable ball-bearing roller skates
- 163 Ten pictures framed, 5 transparencies, and an oak frame
- 164 Two carved wood panels, pair Indian sandals, Turkish dagger, carved paper knife, and sundry curios
- 165 Three Chinese wood stands, soapstone carvings, various medallions, Wedgwood lamp, and sundries
- 166 Eighteen camera focusing glasses, 3 thermometers and 5 cases for ditto, parcel of glass cutting shapes, negative box, and 6 printing frames
- 167 Two die stamps, carpet stretcher, oak stand, antique parasol, bottle stand, etc.
- 168 Seventeen printing frames various, and ruby lamp
- 169 Connoisseur, 15 vols, and 24 various
- 170 Lizard, small crocodile, 4 saw-fish snouts, 2 pairs of horns, and a rhino. horn
- 171 Six South Sea bamboo pipes, Fiji club, Australian ditto, 1 other, and 10 carved bowls
- 172 Flax mat, Chinese hanging, and a large number of cowrie shells
- 173 Four costume drawings, in frames
- 174 Two packets of blotting paper
- 175 A number of coin trays, 2 book covers, and 3 others
- 176 Basket of books, parcel of paintings, etc.
- 177 Twenty-three decorative tiles, and several dozen small collecting boxes in mahogany box
- 178 Three graphoscopes (A.F.), and a museum stereoscope
- 179 Well-made mahogany chest
- 180 Japanned trunk and contents
- 181 Five pairs of horns, and a snake-skin
- 182 Eight leather cases, 2 photo frames, canvas kit-bag, and sundries

RECORDS, &c.

- 183 Twelve gramophone records, assorted
 - 184 Ten 12-in. Columbia records
 - 185 One dozen 10-in. gramophone records
 - 186 One dozen ditto
 - 187 One dozen ditto
 - 188 One dozen ditto
 - 189 One dozen ditto
 - 190 One dozen ditto
 - 191 Bronzed striking clock
 - 192 Seven 10-in. records, H.M.V., and a Vocalion
 - 193 Four 12-in. H.M.V. records
 - 194 Three Pelham concert sound boxes
 - 195 A violoncello and bow
 - 196 A violin
 - 197 A ditto
 - 198 A ditto
 - 199 A ditto
 - 200 A ditto
 - 201 Two dozen records
 - 202 Two dozen ditto
 - 203 Fifteen 10-in. double-sided records
 - 204 Small metallic clock
 - 205 One dozen 12-in. Columbia and H.M.V. records
 - 206 One dozen 10-in. records
 - 207 One dozen ditto
 - 208 Thirty-six cylinder records, and 18 Concert Grand records
 - 209 Gentleman's dark blue suit
 - 210 Four 14-in. double-sided Pathé records
 - 211 Eight 9-in. ditto
 - 212 Six 10-in. ditto Diamond records
-
- 213 Two long guards, 2 necklets, and 2 trinket boxes
 - 214 Pair of Zeiss prismatic binoculars
 - 215 Post-card Kodak, with Goerz-Dagor lens, in case
 - 216 Twelve petrol cocks and nipples (new)
 - 217 Two "Echo" electric horns
 - 218 Ditto
 - 219 Ditto
 - 220 Ditto
 - 221 Ditto
 - 222 Ditto

- 222A A 1916 $\frac{5}{8}$ -h.p. Indian motor cycle and Rennoc sidecar, fully equipped, lamps, speedometer and Klaxon horn, 3-speed, clutch and kick starter, luggage [grid, at low mileage; enamel and painting in very fair condition; bought for £118 in May last, and guaranteed

FURNITURE, HOUSEHOLD EFFECTS, &c.

- 223 A 7-octave upright pianoforte, by Gustav Richter, with iron frame, in rosewood case
- 224 An inlaid mahogany piano stool with compartment for music
- 225 A 5-ft. mahogany sideboard with 2 drawers, 2 cupboards, and circular bevelled mirror
- 226 A drawing-room suite, upholstered in tapestry, comprising large drop-end settee, 2 easy chairs with cushions, and 6 small chairs
- 227 An 8-day striking clock in marble case
- 228 A 2-ft. 6-in. dressing chest with 3 long drawers and swing mirror, and a ditto marble top and tiled back washstand
- 231 Vickers domestic sewing machine, with accessories
- 232 Pair of torchere stands (mahogany)
- 233 Well-made adjustable dinner wagon
- 234 Pine cabinet containing quantity of phonograph records
- 235 Brass electrolier, complete with 3 glass shades
- 236 Enamelled electric heating stove, 220-240 volts; in perfect order
- 237 A 5-fold antique folding screen
- 238 Antique Indian cabinet
- 239 A 4-ft. oak roll-top desk, fitted with drawers
- 240 A counter desk, about 6ft. long
- 241 A ditto
- 242 A piano player
- 243 An oval mahogany table
- 244 Mahogany arm-chair, and small wicker settee
- 245 Clark's patent gas stove
- 246 Small cabinet in form of a sedan chair, 18th Century
- 247 Ten golf clubs
- 248 Antique tea caddy, silver-mounted
- 249 Three Japanese lacquer pictures, ditto desk pencil drawing, and a tea caddy

- 250 A classical print in colours, by Mme. Bovi
- 251 Old French painting
- 252 Four felt carpets, about 7ft. 3in. by 4ft. 3in.
- 253 Treadle sewing machine on stand, by Wilcocks
- 254 Meat and poultry carvers, and fish servers in case
- 255 Japanese china tea-set, containing teapot, sugar basin, cream jug, 12 cups, 12 saucers, 12 plates ; 39 pieces (1 cup chipped and 1 broken)
- 256 Cabinet with glass-topped drawers, for butterflies
- 257 Large oil cooking stove, complete with steamer and kettle ; *unused*
- 258 Smaller oil cooking stove, unused ; and copper table heater or cooker, with spirit lamp
- 259 Copper table kettle with spirit lamp, and copper table coffee machine with spirit lamp
- 260 Oak cigar cabinet
- 261 Large model yacht
- 262 Smaller model yacht
- 263 Lot of 8 cases of butterflies, with 2 killing bottles and 3 zinc carrying boxes
- 264 Twenty-eight gramophone records, 12in. and 10in.
- 265 Book containing 24 gramophone records, various ; all good condition
- 266 *Model motor boat*

JEWELLERY, &c.

- 267 An 18-carat gold and diamond gem ring
- 268 Four ladies' excellent wristlet watches
- 269 Gentleman's keyless gold hunting watch (A.F.)
- 270 Two ladies' gold watches
- 271 Twelve ladies' watches (A.F.)
- 272 Three rolled gold spectacles, in cases, and sundry lot of other articles
- 273 Gentleman's solid silver cigarette case, and solid silver match-box
- 274 Gold wrist watch, gold pencil case, silver-gilt bracelet, and scarf pin
- 275 Four gold fancy rings and silver pendant
- 276 A 15-carat gold ruby ring, amber tube, and silver box
- 277 Gold watch, gold ring, and gold brooch
- 278 Gold pearl brooch
- 279 Gold pearl pin, brooch, and purse

- 280 Diamond ring
- 281 Fine solid imitation pearl rope
- 282 Imitation solid pearl necklace
- 283 A 14-carat gold keyless hunter watch, good timekeeper and splendid movement
- 284 Silver knife, silver spoon, and silver fork, in case
- 285 Dining room clock
- 286 A handsome nickel silver electro-plated rose bowl
- 287 Large plated tray
- 288 A rope of facet-cut carnelian and rock crystal beads
- 289 A handsome Sheffield plated cake basket
- 290 Case of 6 pairs stainless dessert knives and forks
- 291 Case of $\frac{1}{2}$ -dozen stainless tea knives, green handles
- 292 Half-dozen pen knives, $\frac{1}{2}$ -dozen nickel jam spoons, $\frac{1}{2}$ -dozen stainless steel dessert forks, and $\frac{1}{2}$ -dozen nickel table forks
- 293 Blue glass dish in openwork holder
- 294 Three old silver war medals
- 295 Heavy 9-carat double-headed snake ring, gem set
- 296 Gold band ring, 9-carat, set small diamond
- 297 Gold wedding ring, 22-carat
- 298 Three hollow ground razors (new), and Blackbird fountainpen
- 299 Watch roulette, and 3 wrist watches
- 300 Stout leather case, containing books
- 301 Automatic numbering machine, 5-line, 3-action
- 302 Leather music academy, and sundry music

PHOTOGRAPHIC APPARATUS, &c.

- 303 A 15 by 12 splendid group lens, F/8, iris diaphragm
- 304 A 5-in. focus, No. 3317, by Voigtlander & Son ; a 7-in. focus C.D.V. lens, no stops
- 305 A 7-in. focus, No. 7259, R.R., by the London Stereoscopic Co. ; and a 7-in. single lens, by Cherpiskop
- 306 A 9 by 7 rapid rectilinear, by Newman & Co., Calcutta ; excellent for heads in short studio
- 307 Cooke Series III. $6\frac{1}{2}$ -in. F.L., patent F/5.6 lens, good condition
- 308 Series XII. 5-in. Dallmeyer projection lens, and another

- 309 Pair stereo lenses and a No. 4 bull's-eye Kodak, no lens
- 310 A Goerz anastigmat lens, Series III., No. 5, 270 mm. focus (about 11 in.), with iris diaphragm
- 311 A $\frac{1}{4}$ -plate Newman & Guardia magazine plate camera, Cooke lens, F/6.5, rising front, takes 12 plates in patent changing box, and stout leather case
- 312 No. 2 bull's-eye Kodak, daylight loading, for films $3\frac{1}{2}$ by $3\frac{1}{2}$, in leather case
- 313 A pair field-glasses with nickelled mounts, large lenses
- 314 Projection lens, in rack and pinion brass mount
- 315 Toy microscope in case, complete, with eyepiece and object glass
- 316 Student's microscope, inclining front, diaphragm, 2-stage reflecting mirror, rack and pinion focusing, and 1 eyepiece; in case
- 317 A 3-draw brass telescope, in leather case
- 318 No. 1 Frena camera, $3\frac{1}{2}$ sq. R.R. lens; in leather case
- 319 No. 1 folding pocket Kodak, achromatic lens
- 320 A $\frac{1}{4}$ -plate magazine camera, Beck symmetrical lens
- 321 No. 2 box Brownie
- 323 A $\frac{1}{4}$ -plate magazine camera
- 324 A $\frac{1}{4}$ -plate magazine camera, achromatic lens
- 325 A $\frac{1}{4}$ -plate magazine camera, fine condition
- 326 A $\frac{1}{4}$ -plate negative box, 2 zylo. dishes, a printing frame, and focusing cloth
- 327 No. 1 box Brownie, in good condition
- 328 A $\frac{1}{4}$ -plate roll-film camera, rapid rectilinear lens, Bausch & Lomb shutter, plate-back model
- 329 A $\frac{1}{4}$ -plate Lizars challenge camera, R.R. lens, Bausch & Lomb shutter, double extension, and 4 D.D. slides
- 330 No. 2 bull's-eye Kodak, in leather case
- 331 Panoram Kodak, in leather case
- 332 A $\frac{1}{4}$ -plate magazine camera, achro. lens
- 333 Very strong pair opera glasses, leather bound
- 334 A $\frac{1}{4}$ -plate Instantograph, achro. lens, 2 D.D. slides, and tripod
- 335 Pair field-glasses, very powerful
- 336 Pair central focusing field-glasses

- 337 Bull's-eye Kodak, Bausch & Lomb lens
- 338 A $3\frac{1}{2}$ by $2\frac{1}{2}$ plate magazine camera, good condition
- 339 Very fine large wooden tripod, standard size
- 340 Pair black leather-covered opera glasses, good condition
- 341 Fine pair field glasses, central focusing, and case
- 342 Stereo viewer, with 2 dozen views, standard size
- 343 Large drying drum, on stand
- 344 Boxform daylight enlarger
- 345 Seven Jaynay printing frames, 12 by 10, 10 by 8, two $\frac{1}{2}$ -plate, two post-card, and one $\frac{1}{4}$ -plate; 9 celluloid developing dishes, three 10 by 8, and 6 whole-plate
- 346 One dozen lens flanges, assorted
- 347 Three $\frac{1}{4}$ -plate D.D. slides for T.P. reflex, and two 5 by 4 D.D. slides for Planex reflex
- 348 Sundry dark slides, set of whole to half-plate carriers, and large iris diaphragm, new
- 349 Sundry photographic chemicals, bottles, brass fittings, 2 padlocks, one dozen small circular mirrors, and one large ditto
- 350 A 5 by 4 Fallowfield camera, with a slide
- 351 A 5 by 4 telephoto Poco hand or stand camera, triple extension, rising front, R.R. lens, automatic shutter, 2 D.D. slides, and leather case
- 352 A 5 by 4 folding Premo camera, lens, Unicum shutter, 3 slides; self-contained in camera
- 353 A 3A folding Brownie for roll films, post-card size
- 354 A $3\frac{1}{2}$ by $2\frac{1}{2}$ Tyler's pocket Tit-Bit camera, achro. lens, patent shutter, screen, 6 single slides, and case; $\frac{1}{4}$ -plate folding Premo for films, R.R. lens, and shutter
- 355 No. 4 Cartridge Kodak, 5 by 4, double extension, lens, and automatic shutter
- 356 A $\frac{1}{2}$ -plate folding camera, R.R. lens, shutter, screen, 2 slides, and case
- 357 A $\frac{1}{4}$ -plate folding Cameo, achro. lens, shutter, focusing screen; a 5 by 4 Cycle Wizard folding camera, achromatic lens, and shutter; in case
- 358 A $\frac{1}{4}$ -plate Thornton-Pickard Imperial pocket camera, rack focusing, R.R. lens, F/8, auto shutter, rising front, film-pack adapter, and 3 single slides

- 359 A $\frac{1}{4}$ -plate Thornton-Pickard Filma camera, Aldis anastigmat F/6 lens, Victo shutter
- 360 A post-card folding Carbine camera, Beck symmetrical lens, F/8 Unicum shutter ; $\frac{1}{4}$ -plate Cameo, symmetrical lens F/8, Lukos II. shutter, screen, 2 slides, and case
- 361 No. 1 auto. Kodak Junior, achro. lens
- 362 A $\frac{1}{4}$ -plate Thornton-Pickard Imperial folding camera, Aldis anastigmat lens, F/7.7, auto. shutter, screen, and 3 slides ; in case
- 363 A 9 by 12cm. folding camera, rack focusing, aplanat lens, F/7.3, Vario shutter, slide, and screen
- 364 A $\frac{1}{4}$ -plate double extension Excelsior camera, R.R. lens, F/8, Unicum shutter, 6 slides, and leather case
- 365 A 3A auto. folding Brownie, post-card size, R.R. lens
- 366 A $\frac{1}{4}$ -plate folding camera, Ensign symmetrical lens, F/8, Sector shutter, screen, and 2 slides
- 367 A 10 by 15cm. folding Ica camera, Novar anastigmat lens, F/6.8, speeded shutter, screen, and 6 slides
- 368 Auto vest pocket Kodak, anastigmat lens, F/7.7, and case

PHOTOGRAPHIC LANTERN SLIDES, &c.

- 369 15 Stumps, 15 Nigger Stories, 11 Cricket on the Hearth, 6 Gates of Heaven, 12 Red Riding Hood, 16 Bonnie Scotland, and 52
- 370 4 Three Merry Men, 11 Baby Elephant, 8 Cinderella, 9 Educated Cats, 19 Our Joe, and 64
- 371 30 London Streets, 39 Portraits, 14 Rival Musician, 29 Channel Islands and Isle of Man, and 48
- 372 28 Life in the Army, 50 War Scenes and Views, 22 Lady Jane Grey, and 31
- 373 12 Mottoes, 12 Royal Family, 12 Flags, 46 Sir Roger de Coverley, and 18
- 374 50 Cinema Announcements, 17 various, and 52 Natural History and Animal Sagacity
- 375 14 The Voyage of Life, 31 Temperance, 30 India, and 37
- 376 31 Martin Luther, 23 Statuary, 54 Sea Side, and 11

- 377 8 Heroes of the Lifeboat, 16 Marley's Ghost,
11 A Terrible Xmas Eve, and 66
378 80 Germany, France and War Scenes, 7 Ever-
lasting Cat, 13 Night with a Baby, and 74

COLOURED SLIDES.

- 379 12 Three Bears, 12 Rain While You Wait,
12 Old London, 12 Utopia, 12 Arctic Expedition,
12 Reuben Davidger, and 72
380 12 John Gilpin, 12 Prodigal Son, 12 Tom Thumb,
12 Land of the Pigtail, 12 Bob the Fireman,
12 Pilgrim's Progress, and 72
381 12 Educated Cat, 12 Jacky Marlingspike, 12
Calculating Cobbler, 12 Red Riding Hood,
12 War, 12 Cash Three, and 72
382 12 Life in Africa, 12 Two Drunkard, 12 Joseph,
and 36
383 Two large films, about 1,000 feet each
384 Ditto
385 Two 4-in. Plano convex condensers
386 A $\frac{1}{4}$ -plate camera, double lenses, 5 speeds, in
perfect order
387 A post-card size folding camera, rising and cross
front, 5 speeds ; new
388 A $\frac{1}{2}$ -plate ditto, F/8, rising and cross front, and
5 speeds
389 Twelve small accumulators, 6 various volt and
amperemeters
390 A Selfix $3\frac{1}{2}$ by $2\frac{1}{2}$ folding camera, F/6.8 anas-
tigmat lens, 9 speeds ; quite new
391 A 4-fold metal tripod, and 6 grooved negative
boxes
392 Twelve boxes for lantern slides
393 A horizontal engine, glass water gauge, lever,
safety valve, whistle, etc.
394 Three vertical steam engines
395 A horizontal steam engine with double wheel,
glass water gauge, lever valve taps, etc.
396 A ditto (single wheel)
397 A smaller horizontal ditto, and 2 vertical ditto
398 Cinematograph, with rewinder
399 Two cinematographs
400 Two ditto

- 401 Two cinematographs
- 402 Lecturer's lantern, perforated body, with 3-wick lamp, condenser and rack front
- 403 Lecturer's lantern for electric light, with condenser and front lenses, complete
- 404 Collapsible lantern with lenses and condenser
- 405 Two medical coils, and 3 electric coils
- 406 Three electric coils, a small telephone, and 12 dozen horseshoe magnets
- 407 Two dozen assorted metal dark slides

LATHES, TOOLS, &c.

- 408 Lathe, 3-ft. bed, 6-in. centres, tool tray, back gear, slide rest, driving plate, back centre, and overhead motion, by John Holroyd & Co., Ltd.
- 409 Tram slide lathe, $4\frac{1}{2}$ -in. centres, 3-ft. 6-in. bed, slide rest, T-rest, back centre, and overhead motion, by W. Cook
- 410 A 1 by 5-in. Cushman self-centering chuck and key
- 411 Box, about 3 gross $1\frac{1}{2}$ -in. by $\frac{7}{16}$ -in. bolts and nuts
- 412 *Swiss mandrel lathe*, complete, with $4\frac{1}{2}$ -in. face-plate, compound slide rest, T-rest, and back centres
- 413 A 6-in. chuck, with 2 sets of jaws, and key (new)
- 414 Set of 19 chisels and other tools for wood turning, with beech handles
- 415 Nine ball-bearings, Skf & Hoffmann (new); and 3 gutta-percha bottles
- 416 Twenty-four oil stones, 8in. by 2in. by 1in.
- 417 Goodell & Pratt 2-speed breast drill (new)
- 418 *Capstan lathe*, 5-ft. bed, 1-in. bore, screw and worm cutting, complete with counter-shafting
- 419 A 6-in. *centre lathe* (plain), with counter-shafting, complete
- 420 A 3-in. *centre lathe* (plain), with counter-shafting, complete
- 421 *Stanley's universal plane*, with all plane irons and fittings
- 422 A *Bifilar micrometer*, with position circle
- 423 Starrett micrometer in case, with wrench

- 424 A 24-cell galvanic battery, by the Medical Supply Association, with milliamperemeter, dial collector, and pole reverser ; in oak case
 - 425 Electrical line testing set by Siemens (new), in mahogany case with handle
 - 426 Beard's cinema machine, on strong wooden base, with cinema and lantern lens, with spool boxes
 - 427 Pair spool boxes, 14in.
 - 429 A Pathé cinema projector and motor
 - 430 A 6-in. spark induction coil, in case, and break
 - 431 Ewen automatic arc lamp with resistance
 - 432 A "Telefunken" valve in case, 4 others, A.E.G., etc. (guaranteed sound), and a useful variable condenser from Mark III. tuner
 - 433 Two "Telefunken" valves, one in case ; two others, A.E.G. (guaranteed sound) ; and two useful variable condensers from Mark III. tuner
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- 434 2,000 brassed nails
 - 435 A dozen cigar cases, and 3 dozen mouth organs
 - 436 Three lanterns
 - 437 Four gross tie-clips, and 48 gross gun-metal buttons
 - 438 Two dozen nickel dessert spoons, and 6 dozen aluminium dessert spoons
 - 439 Two dozen Nugget brushes, and a dozen cloth whisks
 - 440 Three brass taps, and a 60-ft. steel measure
 - 441 Heavy copper lamp with superior lens
 - 442 100 electric bulbs, and 12 dozen flash-light holders
 - 443 Six 3-wick lantern lamps
 - 444 Three dozen pocket lamp cases, and 100 torch cases
 - 445 Assorted electrical goods
 - 446 200 wide-mouth glass jars, and quantity tinder wick
 - 447 100 various electric pocket lamps
 - 448 Large quantity doll's heads
 - 449 Crate fairy glass lamps
 - 450 Arc lamp, 6 movements
 - 451 Twelve dozen stereoscope slides
 - 452 Six dozen stereoscope slides
 - 453 Six dozen periscopes ; require finishing

- 454 Two oak electric bells, and 2 electric coils
- 455 Fifty gross small corks
- 456 Six best whole-plate roller dark slides
- 457 Six ditto
- 458 Small box tools, and 2 models of railway stations
- 459 Electric railway
- 460 Six dozen bell pushes
- 461 A dozen whole-plate printing frames
- 462 Nine model airships, 11 battleships in action, acrobats, etc., 3 dozen in all, assorted models
- 463 Vapour lamp for lantern
- 464 Two cinematograph lenses
- 465 Two juvenile lanterns and slides
- 466 Two ditto
- 467 Three electric questioners, with 500 questions and answers
- 468 Twelve 10 by 8 new printing frames
- 469 A dozen $3\frac{1}{2}$ by $2\frac{1}{2}$ metal dark slides for Klito camera
- 470 A dozen $\frac{1}{4}$ -plate ditto
- 471 A dozen negative boxes
- 472 Ernemann electric cinematograph
- 473 A large medical coil
- 474 A working model steam engine
- 475 A dozen French microscopes
- 476 A $8\frac{1}{2}$ -in. enlarging condenser
- 477 Film, 1,200 feet
- 478 Four smaller ditto
- 479 Quantity of photographic sundries
- 480 Special Scripture film
- 481 100 catseye bulbs, $3\frac{1}{2}$ -volt
- 482 Seventy-two yards 35/40 lighting flex
- 483 Electric dark room lamp
- 484 Two mechanical railways
- 485 A dozen various releases, for cameras

POSTAGE STAMPS.

- 486 A collection of stamps in improved album
- 487 Two albums and stamps
- 488 A collection of foreign stamps
- 489 Collection of stamps in green Lincoln album
- 490 Nice lot of 200 selected Colonies, etc., in 2 brown collecting books

- 491 Over 160 various mint, 2/6 and 1/-, etc., a desirable lot, in black book
- 492 Collection in old Lincoln album, containing Triangular Capes, 1d. and 4d.; King Edward half-crown; penny, black, etc.; about 1,000
- 493 Book of Portuguese Colonies, and another (2)
- 494 Collection of 1,650 in Black Cat album, many useful sets
- 495 North Borneo, 1 to 4, blocks; British Protectorate, and 1 to 5 N. Borneo; 180 stamps, 9 blocks
- 496 Two green books, over 500 various, clean stamps
- 497 Pairs and stamps, over 100; rare
- 498 Book of Controls, Victoria, Kings Edward and George; a rare lot
- 499 Book of collector's duplicates, containing 2,186 stamps, many unused, blocks and pairs; a good lot
- 500 Collection of 753 different British Colonials, mounted in approval books, ready for pricing
- 501 Small collection, and 2 boxes of stamps
- 502 A collection of British and foreign stamps (some good U.S.A.), in 3 albums
- 503 Blocks of four in small book, 21 sets, several mint, a desirable lot
- 504 A nice varied lot of 250 in green approval book
- 505 Collection of old postage stamps
- 506 Collection British Colonials, etc., selected specimens
- 507 Small book, over 100 rare and selected stamps
- 508 Collection of old postage stamps on leaves, some early and rare specimens; 500 British, Colonial, etc., in books (different)

END OF SALE.

Sale Announcements.

TUESDAY, JANUARY 24th—

China, Bronzes, Pictures,
Weapons,
Ethnographical Specimens.

FRIDAY, JANUARY 27th—

Photographic and Scientific
Apparatus;
A Drummond Lathe and
Accessories;

ALSO

By Order of the Rt. Hon. Postmaster-
General:—

A quantity of Telegraph and
Telephone Apparatus, including
Galvanometers, Coils, Rheostats,
Communicators and Indicators,
Relays, Voltmeters, Ohmmeters,
Ammeters, Telephones,
Wireless Detectors, Keys, etc.